

Metin Usta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6174282/publications.pdf>

Version: 2024-02-01

11
papers

70
citations

1937685

4
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of annealing on morphological, structural and electrical properties of thermally evaporated WO ₃ thin films. Superlattices and Microstructures, 2012, 52, 326-335.	3.1	21
2	Stopping power and range calculations in human tissues by using the Hartree-Fock-Roothaan wave functions. Radiation Physics and Chemistry, 2017, 140, 43-50.	2.8	18
3	The effect of the ceramic amount on the radiation shielding properties of metal-matrix composite coatings. Radiation Physics and Chemistry, 2020, 177, 109086.	2.8	10
4	Stopping power and dose calculations with analytical and Monte Carlo methods for protons and prompt gamma range verification. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 897, 106-113.	1.6	9
5	The calculation of stopping power and range for radium, thorium and uranium using new electronic potential energy function. Applied Radiation and Isotopes, 2019, 152, 193-199.	1.5	5
6	Effect of current density on structural and radiation shielding characteristics of NiCoB/hBN composites. Radiation Physics and Chemistry, 2022, 194, 110027.	2.8	5
7	Use of Gaussian-type functions for flux-based dose calculations in carbon ion therapy. Radiation and Environmental Biophysics, 2020, 59, 511-522.	1.4	2
8	Measurement of energy transitions for the decay radiations of ⁷⁵ Ge and ⁶⁹ Ge in a high purity germanium detector. Results in Physics, 2018, 9, 692-697.	4.1	0
9	Radioactive rays shielding film: coating on amorphous glass. Optical and Quantum Electronics, 2020, 52, 1.	3.3	0
10	Continuous slowing-down approximation ranges of biological materials for 0.05-10 MeV alpha particles by using different approach methods. Applied Radiation and Isotopes, 2021, 178, 109951.	1.5	0
11	A Study on The Stopping Power of Z=2-54 Elements for Protons Using Effective-Charge Approximation. Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2019, 12, 1307-1314.	0.2	0